

TEREZ PA 6.6 7500 GF 20 GK 10

PA66

Ter Plastics

Product Texts

Medium viscosity PA66, 20% glassfiber and 10 % glassbead reinforced, good flowability and bright natural colour. For long melt flow-way, short moulding cycles and good release properties.

Mechanical properties	Value	Unit	Test Standard
------------------------------	--------------	-------------	----------------------

ISO Data

Tensile Modulus	7400	MPa	ISO 527-1/-2
Tensile Strength	95	MPa	ISO 527-1/-2
Yield stress	110	MPa	ISO 527-1/-2
Strain at break	4	%	ISO 527-1/-2
Charpy impact strength (+23°C)	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	7	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
---------------------------	--------------	-------------	----------------------

ISO Data

Temp. of deflection under load (1.80 MPa)	220	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	235	°C	ISO 75-1/-2
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10

Electrical properties	Value	Unit	Test Standard
------------------------------	--------------	-------------	----------------------

ISO Data

Volume resistivity	1E14	Ohm*m	IEC 60093
Surface resistivity	1E15	Ohm	IEC 60093
Comparative tracking index	550	-	IEC 60112

Other properties	Value	Unit	Test Standard
-------------------------	--------------	-------------	----------------------

ISO Data

Water absorption	6	%	Sim. to ISO 62
Humidity absorption	2.1	%	Sim. to ISO 62
Density	1350	kg/m ³	ISO 1183